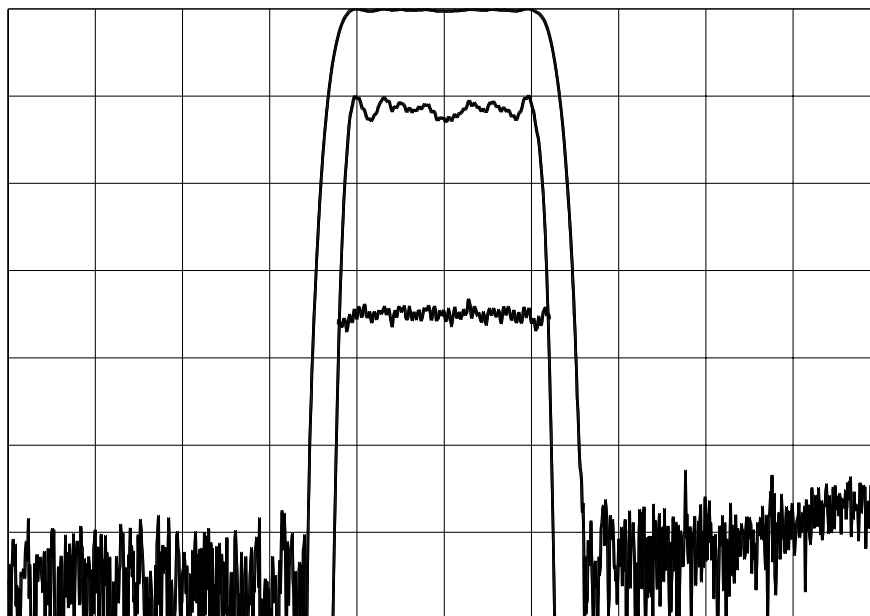


TYPICAL PERFORMANCE



Horizontal: 10 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns/div

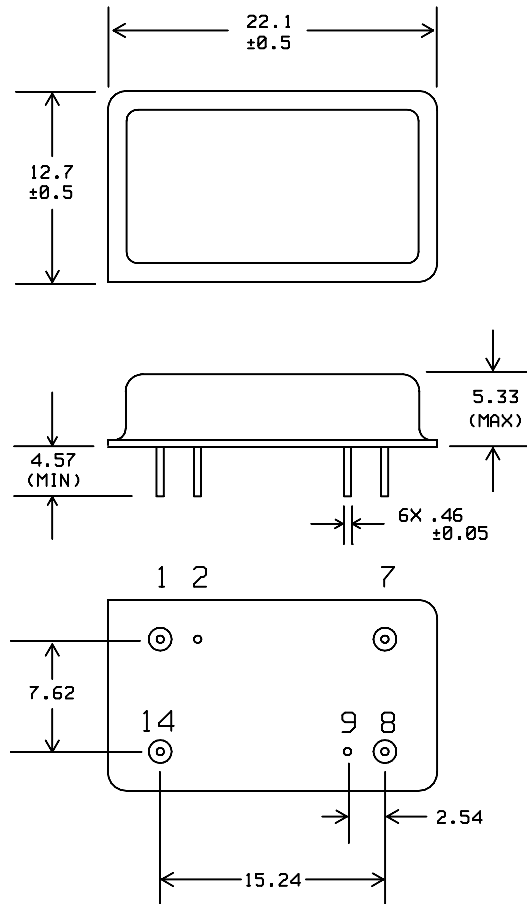
SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	139.75	140.0	140.25	MHz
Insertion Loss at Fc		24.0	26.5	dB
1 dB Bandwidth	22.5	22.6		MHz
3 dB Bandwidth	24	24.2		MHz
40 dB Bandwidth		30.2	30.3	MHz
Passband Ripple		0.4	0.6	dB p-p
Phase Ripple		3.3	6	deg p-p
Group Delay Ripple		20	35	ns p-p
Absolute Delay		0.88		us
Ultimate Rejection	50	60		dB
Temperature Coefficient of Frequency		-80		ppm/° C
Substrate Material	128 Lithium Niobate			
Source and Load Impedance		50		Ω
Ambient Temperature		25		° C

Notes:

1: Mean Value of 3 dB band edges.

PACKAGE OUTLINE

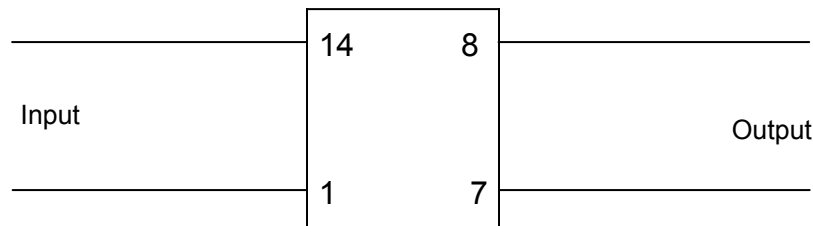


Units: mm

Pin Configuration:

Input: 14
 Input Return: 1
 Output: 8
 Output Return: 7
 Ground: 2, 9

MATCHING CIRCUIT



No Tuning Required

ISO 9001
Registered